

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/597,945
Source: JFLWD
Date Processed by STIC: 08/24/2006

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2518; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

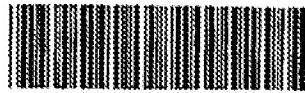
Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06



IFWO

RAW SEQUENCE LISTING DATE: 08/24/2006
 PATENT APPLICATION: US/10/597,945 TIME: 13:07:45

Input Set : A:\pto.da.txt
 Output Set: N:\CRF4\08232006\J597945.raw

2 <110> APPLICANT: Korea Research Institute of Bioscience and Biotechnology
 3 KWAK, Sang-Soo
 4 KWON, Suk-Yeon
 5 LEE, Haeng-Sooon
 6 RYU, Sun-Hwa
 8 <120> TITLE OF INVENTION: Multiple stress-inducible peroxidase promoter derived from
 9 Ipomoea batatas
 11 <130> FILE REFERENCE: 58049-00035
 13 <140> CURRENT APPLICATION NUMBER: US 10/597,945
 W--- 14 2006-08-11 → PBS Insert Mandatory 21417
 C--- 16 <141> CURRENT FILING DATE: 2006-08-11
 16 <150> PRIOR APPLICATION NUMBER: PCT/KR2004/090381
 W--- 17 2004-02-24 → PBS Insert Mandatory 21517
 19 <160> NUMBER OF SEQ ID NOS: 30
 21 <170> SOFTWARE: Kopatentin 1.71

Does Not Comply
 Corrected Diskette Needed

(pg-2,3,4)

ERRORED SEQUENCES

23 <210> SEQ ID NO: 1		
24 <211> LENGTH: 1512		
25 <212> TYPE: DNA		
26 <213> ORGANISM: Ipomoea batatas		
28 <400> SEQUENCE: 1		
29 atggcttctt ttgtcaactcg gctcaggctg gcccttagct tcataccctt agcccttagct	60	
31 ggcatttccta tttaccagaa taccatatac gccatgaaag ggcagcttaa gcttacccca	120	
33 aagtggctgc tagacaacac tcttagatcg tcagtggccg acgtgccttc actacgcctt	180	
35 ggcattctctt cccggcaagct ttccgacgaa gactgcataat tctccggctt taaggaagtg	240	
37 gtggacgcgc ccattgtatgc agaaacccgc atgggtgtttt ccctcatcg ccttcttc	300	
39 catgactgtt ttgttgatgt acgtacgctt attttgtatcg atgatgtttt tttttttttt	360	
41 ttttttttttcc caactgcatt atattaggaa attasacaga ttgaaatgtg ttttattaaat	420	
43 gtattatctg cagggttgtg acgcaggctt tctactaacat gatacaccta ctttcacccgg	480	
45 agaacagacc gcccggcga ataataactc agtcagaggt ttggagggttga tacaaacaagc	540	
47 taaagagaat gtgataacca aatgtcccta catacaagta tcttgcgcg acatcttac	600	
49 cattgtgttgc cytgttattt tccagagatg aagtccattt atttctasag gttgaaatta	660	
51 ataagaacaa gaatccaaac aaataacaga cagtaaaaaaa aaaagattta ttttttttttga	720	
53 caaatatgtt aaattgttt tatatttaat gacttagtatt tatgcattat attttatatgc	780	
55 aactctaaac atgcagtta ctggagaaac gtacacgttg actctggaa gactegatgc	840	
57 aagaacggcg aaccttacccg gagctaacac ccaactgtgc ggaccaaacg aggaatttgc	900	
59 atgcgttgc gagaatattt cggtggaaagg gtttccgaa acggagatcg tcgccttgc	960	
61 agtgttac acgggttgtt ttccgatgttccgcgttta tgctgtccca ttttcatcaa	1020	
63 tcccgccccgg gcctccacgc tgcaatgc aaatgtccgtt agtcccgacg acacccgggtt	1080	
65 ggtggccctg gacccactc cggtgacgtt ggaccaaagt ttttactccg acgtggctaa	1140	

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/597,945

DATE: 08/24/2006

TIME: 13:07:45

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\08232006\J597945.xaw

67 cggacaaggg ctctgttct ccgacaacga gctgatgaat agcaacacca ccagcgccgc 1200
 69 cgtagggagg tacagggacg agatggacgc ttttcgcgatttcgcg ccggcatgg 1260
 71 gaagatggc ctcctgcgc cgtccccgg agtggagctc gaaatccgag aggtttgcag 1320
 73 cgaggtgaat gccaacacag ttgatccat gtgaagttcg ttccatcga catcaataac 1380
 75 gcttgtgatt ctgtgaaagt ttacttggta ctgtgaagaa ttccatctt ctgttgc 1440
 77 tggaaataaaa aagatttttt ttatgtcc taacaaaact tgtattactg aataaaaattt 1500

E--> 79 ataaatgttta ta

1512

80 1512
 119 <210> SEQ ID NO: 4
 120 <211> LENGTH: 306
 121 <212> TYPE: DNA
 122 <213> ORGANISM: Ipomoea batatas
 124 <220> FEATURE:
 125 <221> NAME/KEY: promoter
 126 <222> LOCATION: (1)..(306)
 127 <223> OTHER INFORMATION: -306 deletion promoter
 130 <400> SEQUENCE: 4

131 taaggtgttt ttcgtggca gcatgagtgc atgacaaacg catatattat tataaaaaca 60
 133 aaatagact ccaatataa taaaattatct tatattatat tgccaaacaat taaaattca 120
 135 aattagaaca aatcaaattct cagtttgcct tttatattat ttatcaacaa taataattta 180
 137 atactgatcg aagaaccttc ctttcaagt ttcttattat aggaagctg agaaggccatt 240
 139 aatccatc atcagctcga ccactcattt cttttcata ctcccttgc tgtgataatc 300

E--> 141 atcate

306

142 306
 145 <210> SEQ ID NO: 5
 146 <211> LENGTH: 366
 147 <212> TYPE: DNA
 148 <213> ORGANISM: Ipomoea batatas
 150 <220> FEATURE:
 151 <221> NAME/KEY: promoter
 152 <222> LOCATION: (1)..(366)
 153 <223> OTHER INFORMATION: -366 deletion promoter
 156 <400> SEQUENCE: 5

157 tagtataatg aaataaagtt aatcatttctt ttttttttat gatggtaatt agtattatgg 60
 159 taaggtgttt ttcgtggca gcatgagtgc atgacaaacg catatattat tataaaaaca 120
 161 aaatagact ccaatataa taaaattatct tatattatat tgccaaacaat taaaattca 180
 163 aattagaaca aatcaaattct cagtttgcct tttatattat ttatcaacaa taataattta 240
 165 atactgatcg aagaaccttc ctttcaagt ttcttattat aggaagctg agaaggccatt 300
 167 aatccatc atcagctcga ccactcattt cttttcata ctcccttgc tgtgataatc

E--> 169 atcate

366

170 366
 173 <210> SEQ ID NO: 6
 174 <211> LENGTH: 433
 175 <212> TYPE: DNA
 176 <213> ORGANISM: Ipomoea batatas
 178 <220> FEATURE:
 179 <221> NAME/KEY: promoter
 180 <222> LOCATION: (1)..(433)
 181 <223> OTHER INFORMATION: -433 deletion promoter

RAN SEQUENCE LISTING

PATENT APPLICATION: US/10/597,945

DATE: 08/24/2006

TIME: 13:07:45

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\08232006\J597945.raw

184 <400> SEQUENCE: 6
 185 atggtaact aaagggtcga atccaaacata tattctgaca tttaaaaatg ctaacgtacy 60
 187 gtttagattag tataatgaaa taaagttaat catttcctat atttgcgtat ggttaatttgt 120
 189 atcatggtaa ggtgtttat cgtggcagca tgagtgcgtg acaaaacgcgt atattattat 180
 191 taaaacaaa tagtactccs atccatastaa attatcttat attatatttgtc caacaattaa 240
 193 aaattcaaat tagaacasat taaatctcg tttgtttat tatattatta tcaacaataa 300
 195 taatthaata ctgcgtcagaag aactttccct ttcaggatctt ctatctaagg aagectgaga 360
 197 ageccataat ctcatcatac agctcgacca ctcattttt ctccatactt cctttgtgt 420
 R--> 199 gataatcate atc 433
 200 433
 360 <210> SEQ ID NO: 10
 361 <211> LENGTH: 1934
 362 <212> TYPE: DNA
 363 <213> ORGANISM: Ipomoea batatas
 365 <220> FEATURE:
 366 <221> NAME/KEY: promoter
 367 <222> LOCATION: (1)..(1934)
 368 <223> OTHER INFORMATION: -1934 deletion promoter
 371 <400> SEQUENCE: 10
 *-- 372 ttgttcatcc accacttcgt ctttaauaat ctaggatatt cttagatatt ctccatactc 80
 374 aagtctcaca cttgaaatcca atcaagactc ttacacttaac aattctctaa tatactctat 120
 376 aatatcatct ctacttaaac tagagagatt tccaaactctc aattaatcac caaaggtaac 180
 378 tctccaaata tccaaatggg aggtttcaac ttccaaacta ataccaaacc aaccggacta 240
 380 atcataatca tattctataat cttaaatgtt ttcttaactgc ccctgtccag aaattacagt 300
 382 tttgcgcagt cggaaagatt gagccggtaa caatagttcc cgaactcttt ttcaacttgaa 360
 384 atttttatgg tagaacccca acttataatgtt ttgtatatec ataaaaatgtt ttggtcaccc 420
 386 aggttacacga attaacacacg aaaattacat ttgcgcctt ggcaatgggc tgccggaaat 480
 388 tctgttccttc tggaccagg tttgcaaaaca attttggaaac cacacttata ctactccaaa 540
 390 aattatgaaa tttttatggg agtttttaca ttatagaaac tacatgtata aaaaatattg 600
 392 ggtcaaaaata ctttcccgat ttttccaaaaa tatttcacggg acttaatgcg agaatctacc 660
 394 ctgccttttc ctttccat ttttccacact ataaagcatat atggcataaa atatgacatg 720
 396 aacatgcatg aaccatgcg gggbgaaaat aagattgtat atactgatac tacaattaaac 780
 398 taatgataaa gtataacttt tggaaaaat ttgatttttt tttttatgtt attcatataac 840
 400 tccaaagattt ttectctattt aatattttt ttttccat ttttccat ttttccat ttttccat 900
 402 aatgtacatc ttgataaaac ttgatccatca ttagatccat ttttccat ttttccat ttttccat 960
 404 aaaaaataaa aacaaaatata tggaaagggtt tggaaatatt ttttccat ttttccat ttttccat 1020
 406 ctgttaatctt gtaatctgtt caataataat ttttccat ttttccat ttttccat ttttccat 1080
 408 gtataattaa acttgcgtat ttttccat ttttccat ttttccat ttttccat ttttccat 1140
 410 ttttccagg caaaaattttt ttttccat ttttccat ttttccat ttttccat ttttccat 1200
 412 gattattttt ttttccat ttttccat ttttccat ttttccat ttttccat ttttccat ttttccat 1260
 414 taatgttggaaat aatccatgtt ttttccat ttttccat ttttccat ttttccat ttttccat 1320
 416 ggttactatac ttttccat ttttccat ttttccat ttttccat ttttccat ttttccat ttttccat 1380
 418 atatttccat ttttccat ttttccat ttttccat ttttccat ttttccat ttttccat ttttccat 1440
 420 ataaatccat ttttccat ttttccat ttttccat ttttccat ttttccat ttttccat ttttccat 1500
 422 atatgttggaaat aatccatgtt ttttccat ttttccat ttttccat ttttccat ttttccat 1560
 424 ggtttagattt ttttccat ttttccat ttttccat ttttccat ttttccat ttttccat ttttccat 1620
 426 ttttccat ttttccat ttttccat ttttccat ttttccat ttttccat ttttccat ttttccat 1680
 428 ttttccat ttttccat ttttccat ttttccat ttttccat ttttccat ttttccat ttttccat 1740
 430 aaaaaatccat ttttccat ttttccat ttttccat ttttccat ttttccat ttttccat ttttccat 1800

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/597,945

DATE: 08/24/2006

TIME: 13:07:45

Input Set : A:\pto.ds.txt

Output Set: N:\CRF4\08232006\J597945.raw

432 ataatttaat actgatcgaa gaacttcccc tttcaagttc tctatttaag gaaggcttag 1860
434 aagccattaa tcctcatcat cagctegacc actcatttct tttcatact tcctttgttg 1920

E--> 435 tgataatcat catc

437 1934

770 <210> SEQ ID NO: 30

771 <211> LENGTH: 21

772 <212> TYPE: DNA

773 <213> ORGANISM: Artificial Sequence

775 <220> FEATURE:

776 <223> OTHER INFORMATION: reverse primer for NPTII

779 <400> SEQUENCE: 30

780 atcgggagcg gcgtatccgt a

21

E--> 782 1

E--> 785 1

delete

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/597,945

DATE: 08/24/2006
TIME: 13:07:46

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\08232006\J597945.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:4; Line(s) 141
Seq#:5; Line(s) 169

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/597,945 DATE: 08/24/2006
TIME: 13:07:46

Input Set : A:\pto.da.txt
Output Set: N:\CRF4\08232006\J597945.raw

L:14 M:259 W: Allowed number of lines exceeded, <140> CURRENT APPLICATION NUMBER:
L:16 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:17 M:259 W: Allowed number of lines exceeded, <150> PRIOR APPLICATION NUMBER:
L:79 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1512 SEQ:1
L:141 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:306 SEQ:4
L:169 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:366 SEQ:5
L:199 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:433 SEQ:6
L:436 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:1934 SEQ:10
L:783 M:254 E: No. of Bases conflict, this line has no nucleotides.
L:786 M:254 E: No. of Bases conflict, this line has no nucleotides.